Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 11 Aug 2020 until 23:59 on Wednesday 12 Aug 2020

Forecast Issued on Tuesday 11 Aug 2020 at 04:27

Confidence: High confidence in the overall trend, but low confidence in the detail of heavy showers and thunderstorms.

Headline for Tuesday 11 Aug 2020: Sunny spells and scattered heavy showers and thunderstorms developing, especially during the afternoon and evening. Feeling very warm and humid too.

Mountain weather hazards on Tuesday 11 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
High Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	10%	20%	30%	40%	40%

Forecast for Tuesday 11 Aug 2020

Weather: Mainly dry with bright or sunny spells developing Tuesday morning, although some isolated heavy and perhaps thundery showers are possible. Warm sunny spells into the afternoon, however, there will be some scattered heavy showers and thunderstorms breaking out, easing by the evening. Possibly some longer spells of rain, heavy and thundery at times, moving up from the south during the evening and overnight. Feeling very warm and humid too.

Chance of cloud free mountain/hill tops above 600m: Generally 90-100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits.

Visibility: Generally good or very good throughout. Moderate in heavy showers and thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 11 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/18 E	14/17 E	10/14 SE	8/11 SE	8/11 E	9/13 E	7/9 E
300	8/13 NE	7/9 N	6/9 E	6/10 SE	5/9 NE	6/12 E	4/6 E
Valley	12/19 E	9/15 E	4/8 SE	5/9 S	6/12 E	8/14 E	4/8 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/15	18/16	21/20	23/22	21/21	20/19	20/19
300	18/17	20/20	23/24	26/26	24/26	22/22	20/21
Valley	18/17	21/20	24/25	27/28	24/25	22/22	20/21
Freezing Level*	3600m	3700m	3500m	3400m	3500m	3500m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high, therefore extra care will be needed if spending any length of time on the peaks in the strong sunshine. Lightning will be an additional hazard in thunderstorms.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 11 Aug 2020	0mm	0mm	0mm

Forecast for Wednesday 12 Aug 2020

Weather: Cloudy, with heavy and thundery downpours overnight and into Wednesday morning. The showers are likely to ease during the morning, with bright or sunny spells developing. Into the afternoon, there is likely to be a mixture of sunny spells and scattered heavy showers and thunderstorms. Potential for slow-moving torrential downpours. Feeling very warm and humid too.

Maximum wind: Easterly 5-10mph.

Chance of cloud free mountain/hill tops above 600m: Generally 100% throughout, but 30-40% chance in the morning, with cloud bases down to 300-400m on eastern peaks and summits. Occasionally down to 500-600m in heavy showers and thunderstorms during the afternoon and evening.

Visibility: Generally good or very good throughout. Poor in low cloud early morning. Moderate or poor in heavy showers and thunderstorms during the afternoon.

Temperature: **Valleys:** Plus 19 Celsius, becoming Plus 27 Celsius.
At 600m: Plus 18 Celsius, becoming Plus 23 Celsius.
Freezing level: Above the summits.

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